



February 1, 2002

State of Utah  
Division of Oil, Gas & Mining  
Attn: Brad Hill  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: 1-31-8-18, 2-31-8-18, 3-31-8-18, 4-31-8-18,  
5-31-8-18, 6-31-8-18, 7-31-8-18, 11-31-8-18, 12-31-8-18, and 13-31-8-18.

Dear Brad:

Enclosed find APD's on the above referenced wells. If you have any questions, feel free to give either Brad or myself a call.

Sincerely,

  
Mandie Crozier  
Permit Clerk

mc  
enclosures

**RECEIVED**

FEB 04 2002

**DIVISION OF  
OIL, GAS AND MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

001

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐

1b. TYPE OF WELL

OIL GAS SINGLE MULTIPLE  
WELL ☒ WELL ☐ OTHER ☐ ZONE ☒ ZONE ☐

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

Route #3 Box 3630, Myton, UT 84052

Phone: (435) 646-3721

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At Surface Lot #1

875' FNL 868' FWL

4436869 Y  
590241 X

At proposed Prod. Zone

5. LEASE DESIGNATION AND SERIAL NO.

UTU-74872

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME WELL NO

4-31-8-18

9. API WELL NO.

10. FIELD AND POOL OR WILDCAT

Monument Butte Eight mile Flat North

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

Lot #1 NWNW  
Sec. 31, T8S, R18E

12. County

Utah

13. STATE

UT

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 20.4 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY  
OR LEASE LINE, FT. (Also to

Approx. 868' f/lse line

16. NO. OF ACRES IN LEASE

677.36

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL,  
DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

Approx. 1305'

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5052.0' GR

22. APPROX. DATE WORK WILL START\*

1st Quarter 2002

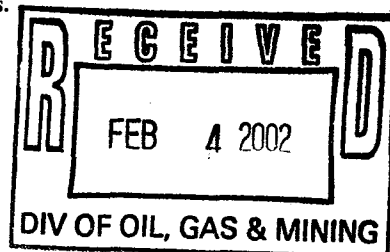
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

Federal Approval of this  
Action is Necessary



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.

If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Mandie Crozier TITLE Permit Clerk DATE 2/1/02

(This space for Federal or State office use)

PERMIT NO. 43-047-34497 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE RECLAMATION SPECIALIST DATE 02-21-02

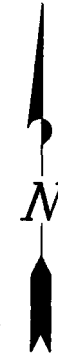
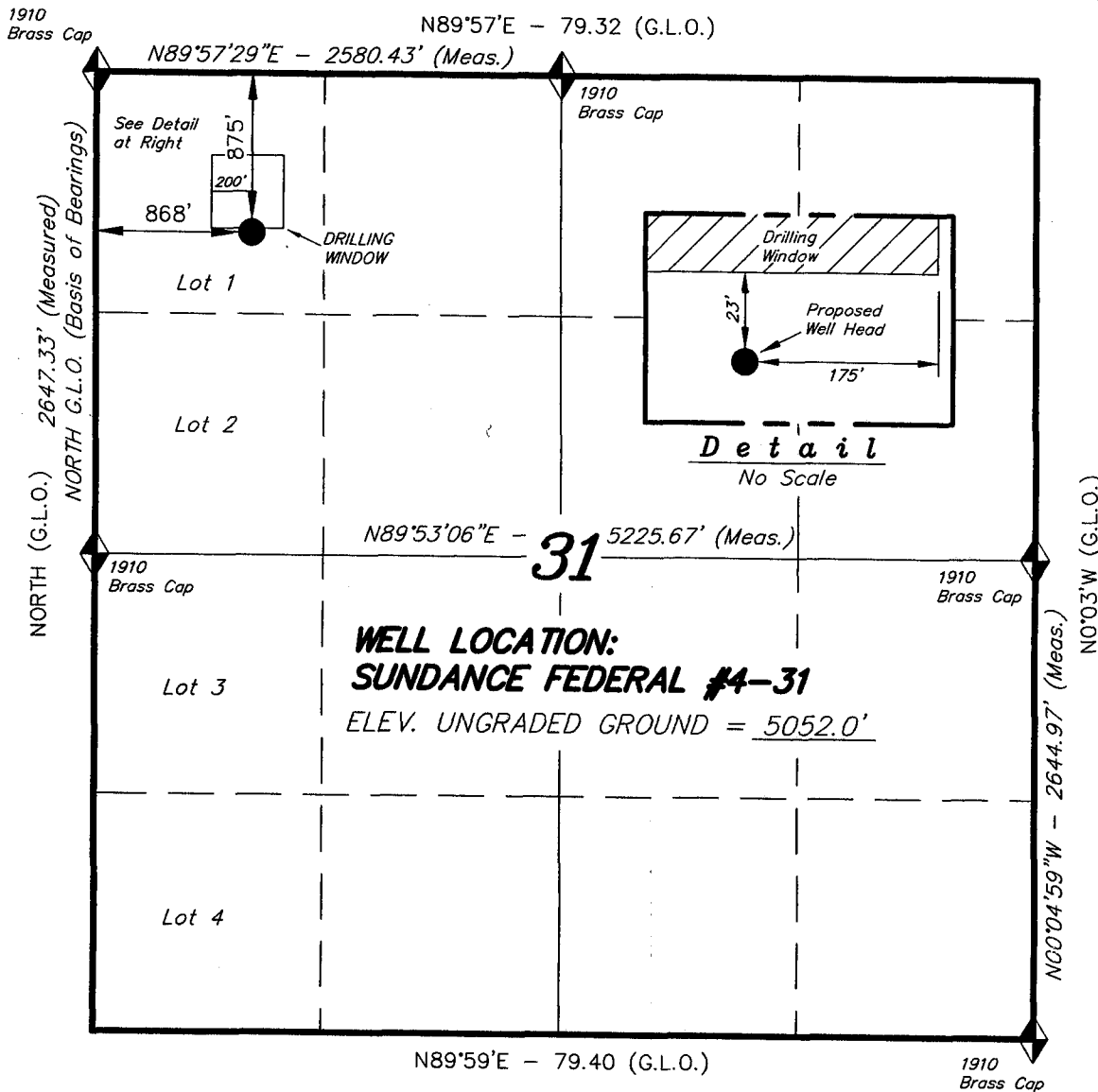
\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

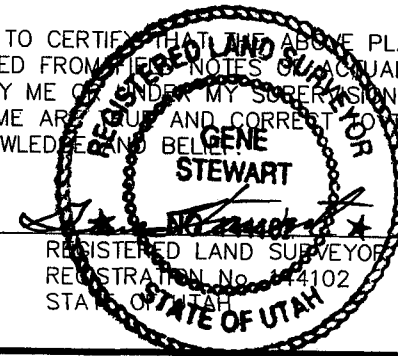
**T8S, R18E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**

WELL LOCATION, SUNDANCE FEDERAL  
#4-31, LOCATED AS SHOWN IN LOT 1  
OF SECTION 31, T8S, R18E, S.L.B.&M.  
UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM THE NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 12-26-01	DRAWN BY: J.R.S.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

Well No.: Sundance 4-31-8-18

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Sundance 4-31-8-18

API Number:

Lease Number: UTU-74872

Location: Lot #1 Sec. 31, T8S R18E

**SURFACE USE PROGRAM**  
**CONDITIONS OF APPROVAL**

**CULTURAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**PALEONTOLOGICAL RESOURCES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**SOILS, WATERSHEDS, AND FLOODPLAINS**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**WILDLIFE AND FISHERIES**

See *DIAMOND MOUNTAIN RESOURCE AREA RESOURCE MANAGEMENT PLAN AND RECORD OF DECISION* (Fall 1994).

**THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES**

**FERRUGINOUS HAWK:** Due to this proposed well location's proximity (less than 0.5 mile) to an existing inactive ferruginous hawk nest site, no new construction or surface disturbing activities will be allowed between February 1 and May 30. If the nest remains inactive on May 30<sup>th</sup> (based on a pre-construction survey by a qualified biologist), the operator may construct and drill the location after that date. If the nest site becomes active prior to May 30, no new construction or surface disturbing activities will be allowed within 0.5 mile of the nest until the nest becomes inactive for two full breeding seasons. In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**HOOKLESS CACTUS:** Due to the location being proposed in known Uinta Basin Hookless Cactus habitat, a pre-construction survey of the access road and well pad must be conducted by a qualified biologist. Known locations of Uinta Basin

Hookless Cactus must be avoided. If all plants cannot be avoided, further coordination with BLM will be required prior to construction to ensure compliance with the USFWS Biological Opinion for this project dated November 17, 1999.

#### **LOCATION AND RESERVE PIT RECLAMATION**

During construction of the reserve pit, a small amount of topsoil shall be stockpiled nearby, to be spread over the reserve pit area at the time the reserve pit is reclaimed.

The topsoil stockpile shall be reseeded immediately after site construction by broadcasting the seed, then walking the topsoil stockpile with the dozer to plant the seed.

The following seed mixture will be used on the topsoil stockpile, the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Gardner saltbush	<i>Atriplex gardneri</i>	3 lbs/acre
Mat saltbush	<i>Atriplex corrugata</i>	3 lbs/acre
Galletta grass	<i>Hilaria jamesii</i>	3 lbs/acre
Indian ricegrass	<i>Oryzopsis hymenoides</i>	3 lbs/acre

The reserve pit shall be reclaimed immediately after drilling operations have ceased. The pit shall be reclaimed by: 1) removing all liquids and any oily debris according to Utah Division of Oil, Gas, & Mining pit closure rules; 2) perforating and folding the liner in place (if a pit liner is used); 3) recontouring the surface; 4) broadcasting the seed over the recontoured surface; and 5) walking the surface of the pit with a dozer to plant the seed.

At the time of final abandonment, the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately.

#### **PIPELINES**

Installation of a surface gas pipeline and/or any subsequent buried gas or water pipelines will follow the conditions of approval outlined above.

Except as specified in the APD, the installation of the surface gas line and any subsequent buried pipelines will follow the edge of the existing roadways without interfering with the normal travel and maintenance of the roadway.

The installation of any buried pipelines will disturb as little surface as possible and will not exceed 60 feet in width. Reclamation of the disturbance area associated with buried pipelines will be completed within 10 days after installation. The surface will be recontoured to natural or near natural contours. Reseeding will be with the same seed mixture specified for reclamation of the reserve pit and well site. The interface of the buried line disturbance area and the edge of any adjacent access roads will be constructed with a borrow ditch and road berm to minimize vehicular travel along the water line route.

INLAND PRODUCTION COMPANY  
SUNDANCE #4-31-8-18  
LOT #1 SECTION 31, T8S, R18E  
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 1640'
Green River	1640'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1640' - 6500' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

INLAND PRODUCTION COMPANY  
SUNDANCE #4-31-8-18  
LOT #1 SECTION 31, T8S, R18E  
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Sundance #4-31-8-18 located in the Lot #1 Section 31, T8S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 13.8 miles  $\pm$  to it's junction with an existing road to the north; proceed northerly - 0.3 miles  $\pm$  to it's junction with an existing road to the northeast; proceed northeasterly - 4.7 miles  $\pm$  to it's junction with the beginning of the proposed access road; proceed northwesterly along the proposed access road 330'  $\pm$  to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

Archaeological Resource Survey for this area is attached.

The Paleontological Resource Survey will be forthcoming.

Inland Production Company requests a 60' ROW for the Sundance #4-31-8-18 to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."**

**Water Disposal**

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Inland's secondary recovery project.

Water not meeting quality criteria, is disposed at Inland's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Brad Mecham  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #4-31-8-18 Lot #1 Section 31, Township 8S, Range 18E: Lease UTU-74872 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

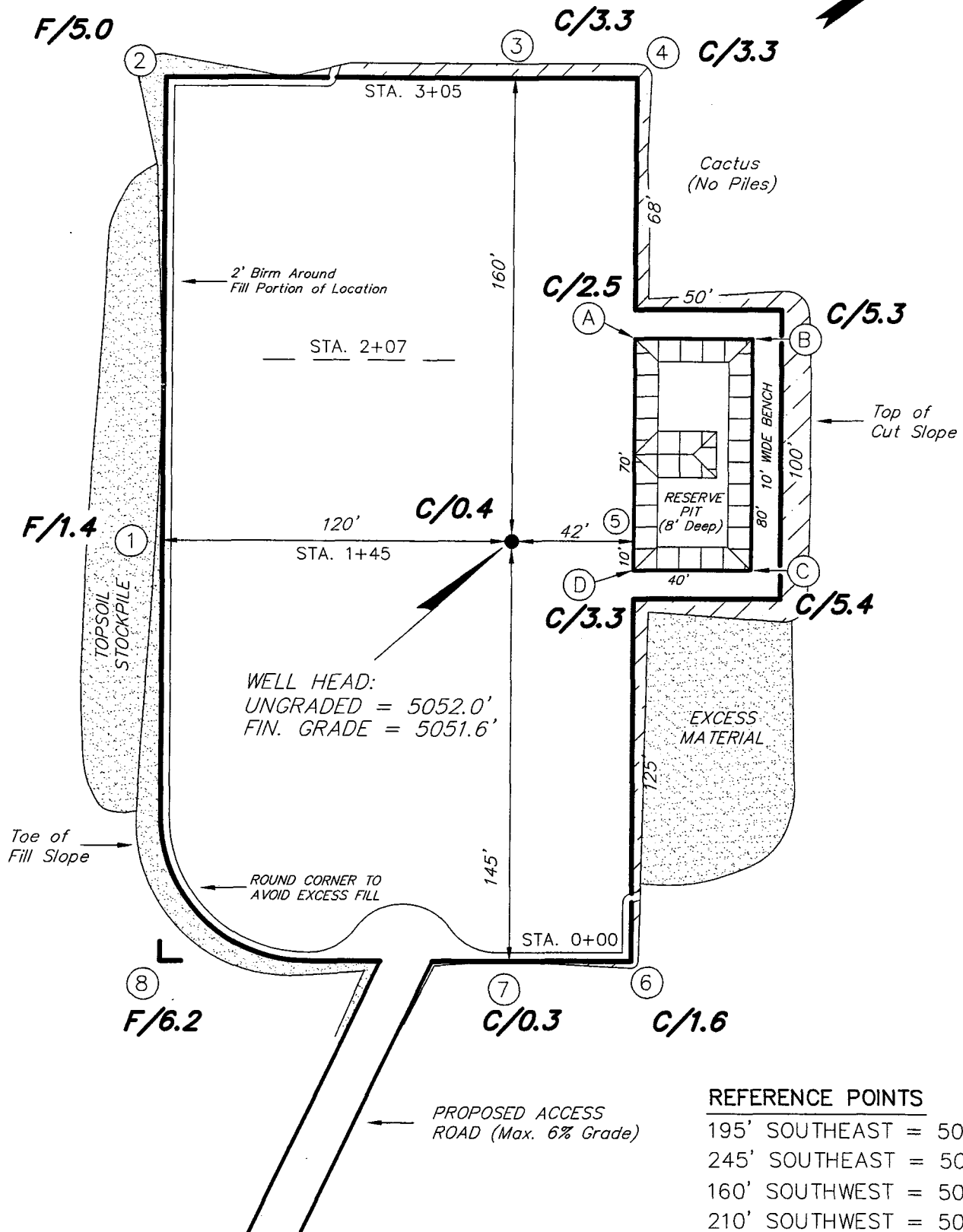
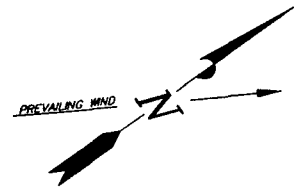
2/1/02  
Date

Mandie Crozier  
Mandie Crozier  
Permit Clerk



# INLAND PRODUCTION COMPANY

SUNDANCE FEDERAL #4-31  
SEC. 31, T8S, R18E, S.L.B.&M.



## REFERENCE POINTS

195' SOUTHEAST = 5051.0'  
245' SOUTHEAST = 5048.9'  
160' SOUTHWEST = 5049.2'  
210' SOUTHWEST = 5047.5'

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

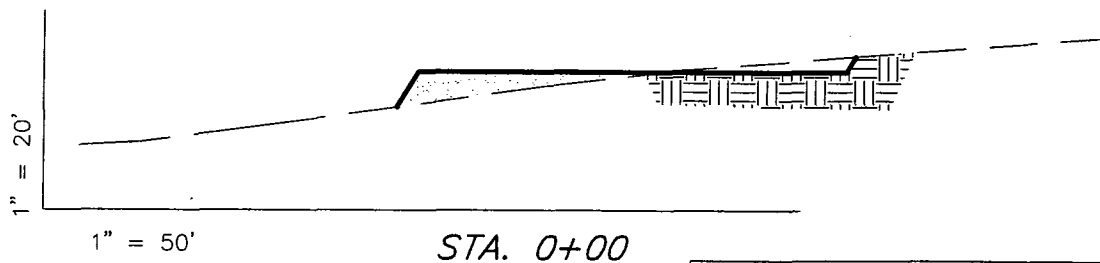
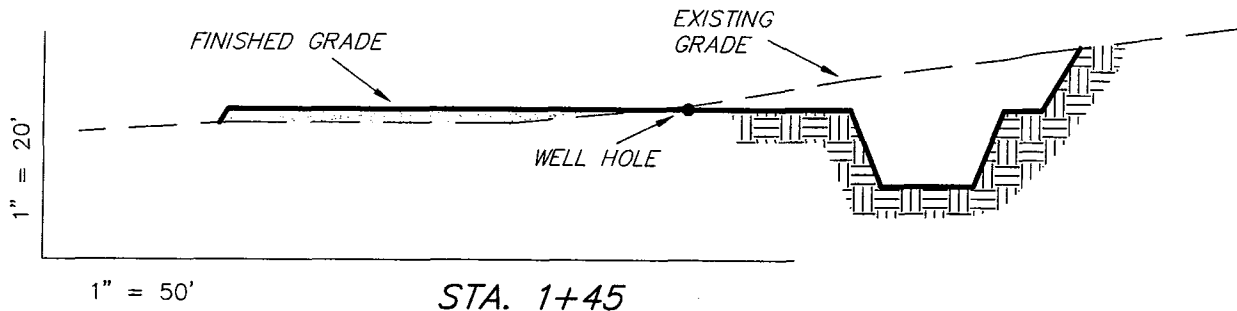
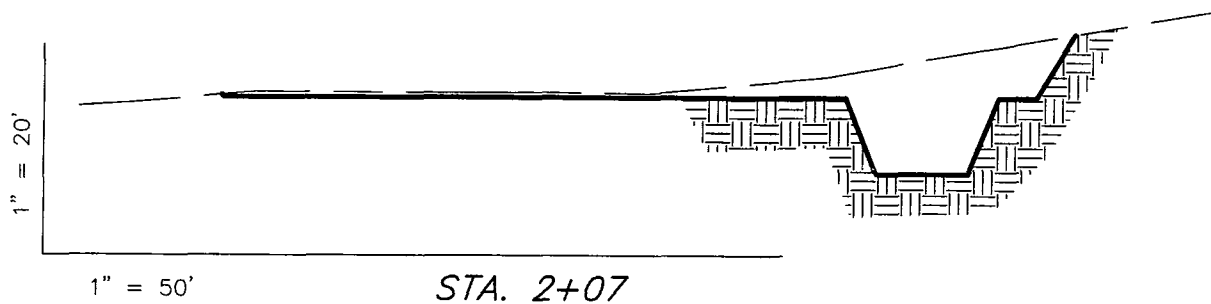
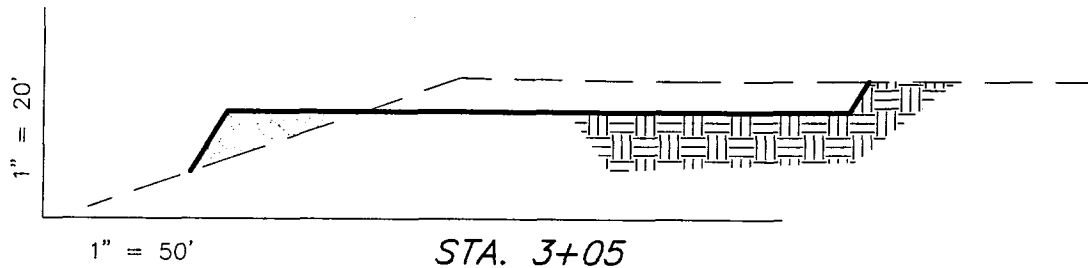
DATE: 12-26-01

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

**INLAND PRODUCTION COMPANY**  
**CROSS SECTIONS**  
**SUNDANCE FEDERAL #4-31**



NOTE:  
UNLESS OTHERWISE NOTED  
ALL CUT/FILL SLOPES ARE  
AT 1.5:1

**ESTIMATED EARTHWORK QUANTITIES**  
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,070	2,070	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	2,710	2,070	1,010	640

SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 12-26-01

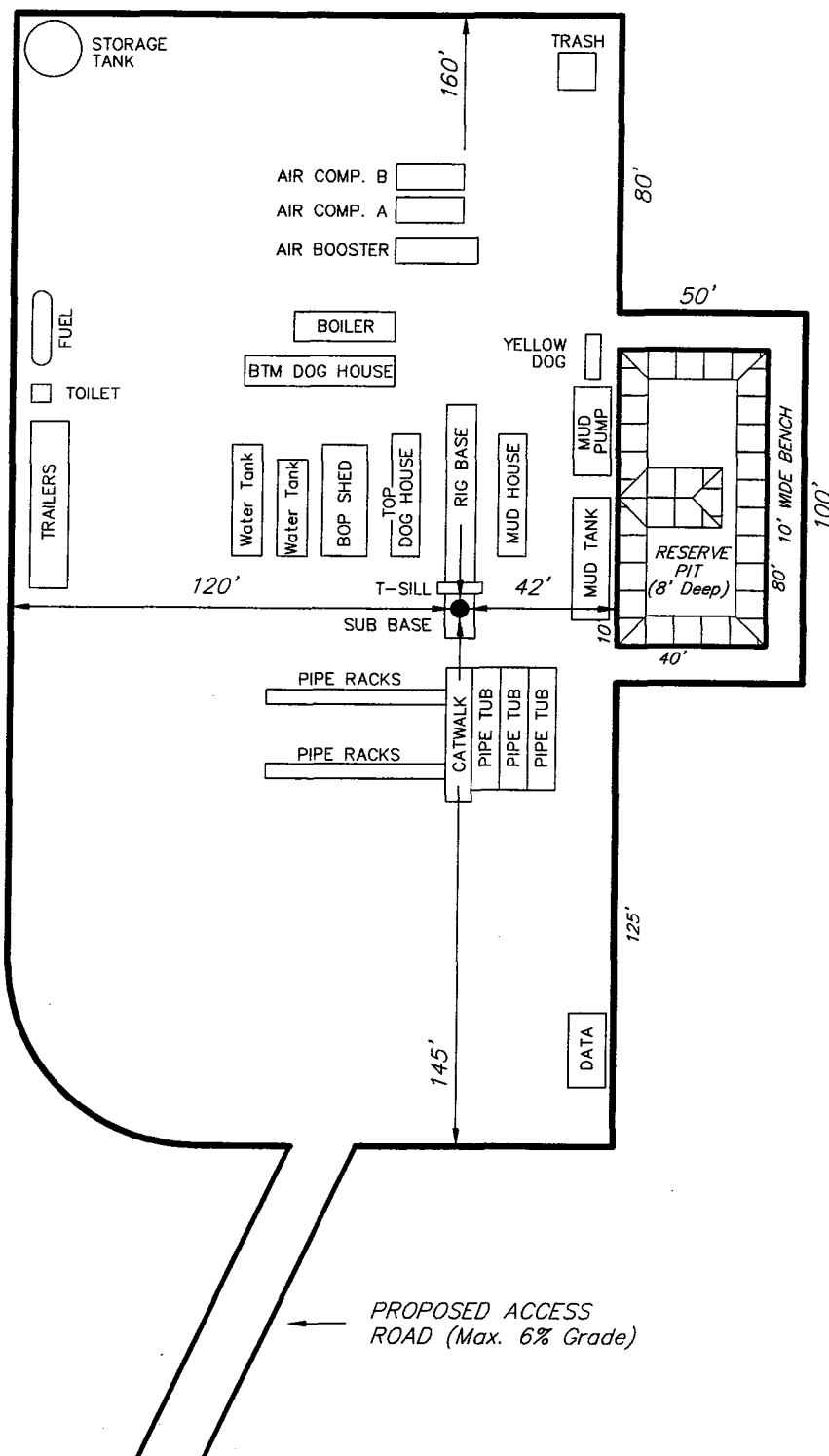
**Tri State**  
**Land Surveying, Inc.**  
38 WEST 100 NORTH VERNAL, UTAH 84078

(435) 781-2501

# INLAND PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### SUNDANCE FEDERAL #4-31



SURVEYED BY: D.J.S.

SCALE: 1" = 50'

DRAWN BY: J.R.S.

DATE: 12-26-01

**Tri State**  
Land Surveying, Inc.

(435) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



**Sundance Federal #4-31  
SEC. 31, T8S, R18E, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 100,000'

DRAWN BY: D.J.

DATE: 12-26-2001

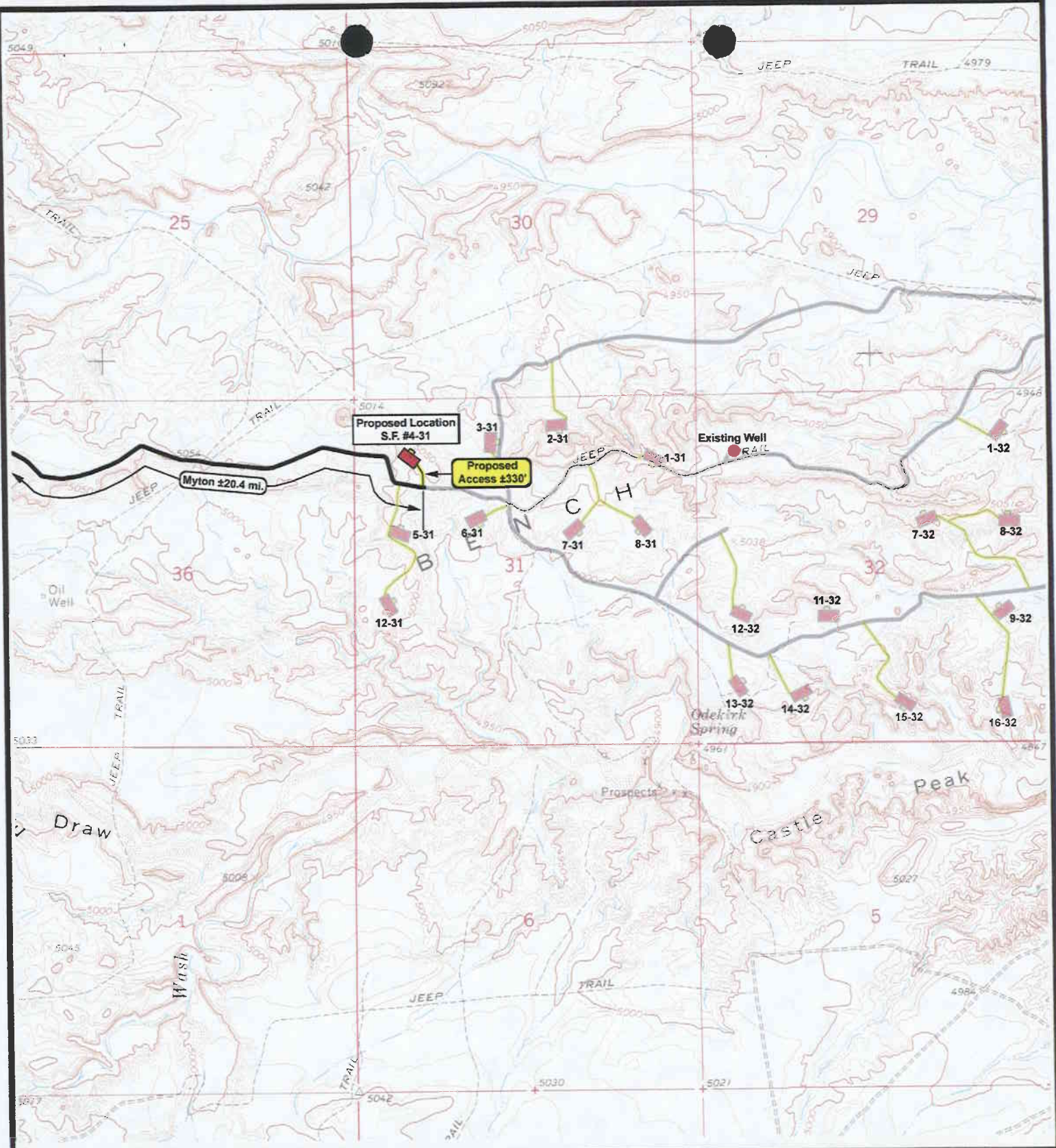
### Legend

- Existing Road
- Proposed Access

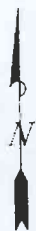
TOPOGRAPHIC MAP

**"A"**





**Sundance Federal #4-31  
SEC. 31, T8S, R18E S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'  
DRAWN BY: D.J.  
DATE: 12-26-2001

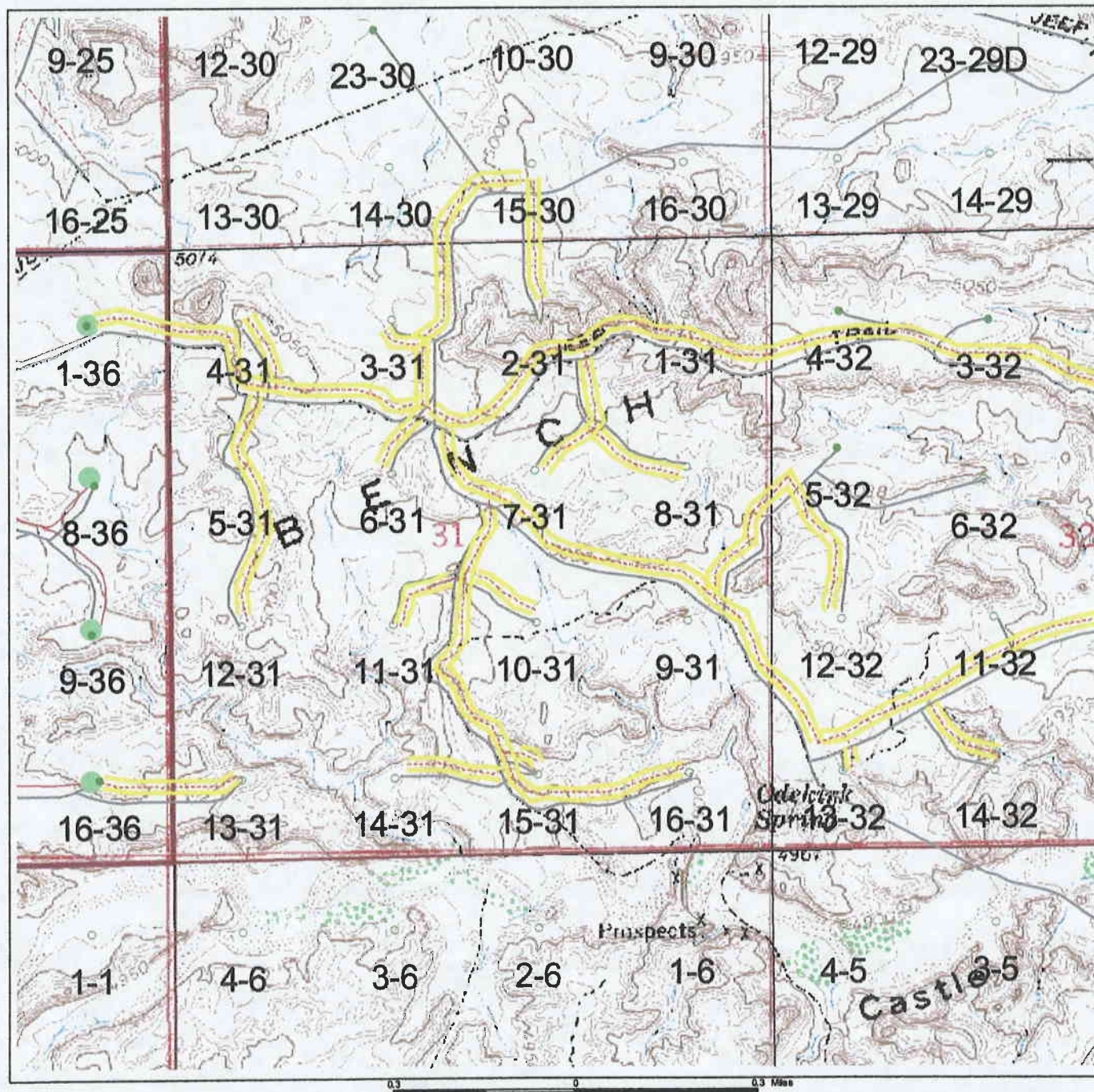
**Legend**

- Existing Road
- Proposed Access
- Access to be Upgraded

**TOPOGRAPHIC MAP**

**"B"**





Gas Line ROW

Pending Approval

ROW Approved

Compressor Stations

Gas Pipelines

10"

6" Source Line

6" Proposed

4" Source Line

4" Proposed

Gas Buried

Petroglyph Gas Line

Questar Gas Line

Compressors - Other

Fuel Gas Meters

Roads (Digitized)

Paved

Dirt

Proposed

Two Track

Private

N



Topographic Map C  
T8S-R18E-31



4th Edition  
Revised: 10/01/01  
Revised: 10/01/01  
Revised: 10/01/01

Gas Pipeline Map

UINTA BASIN, UTAH

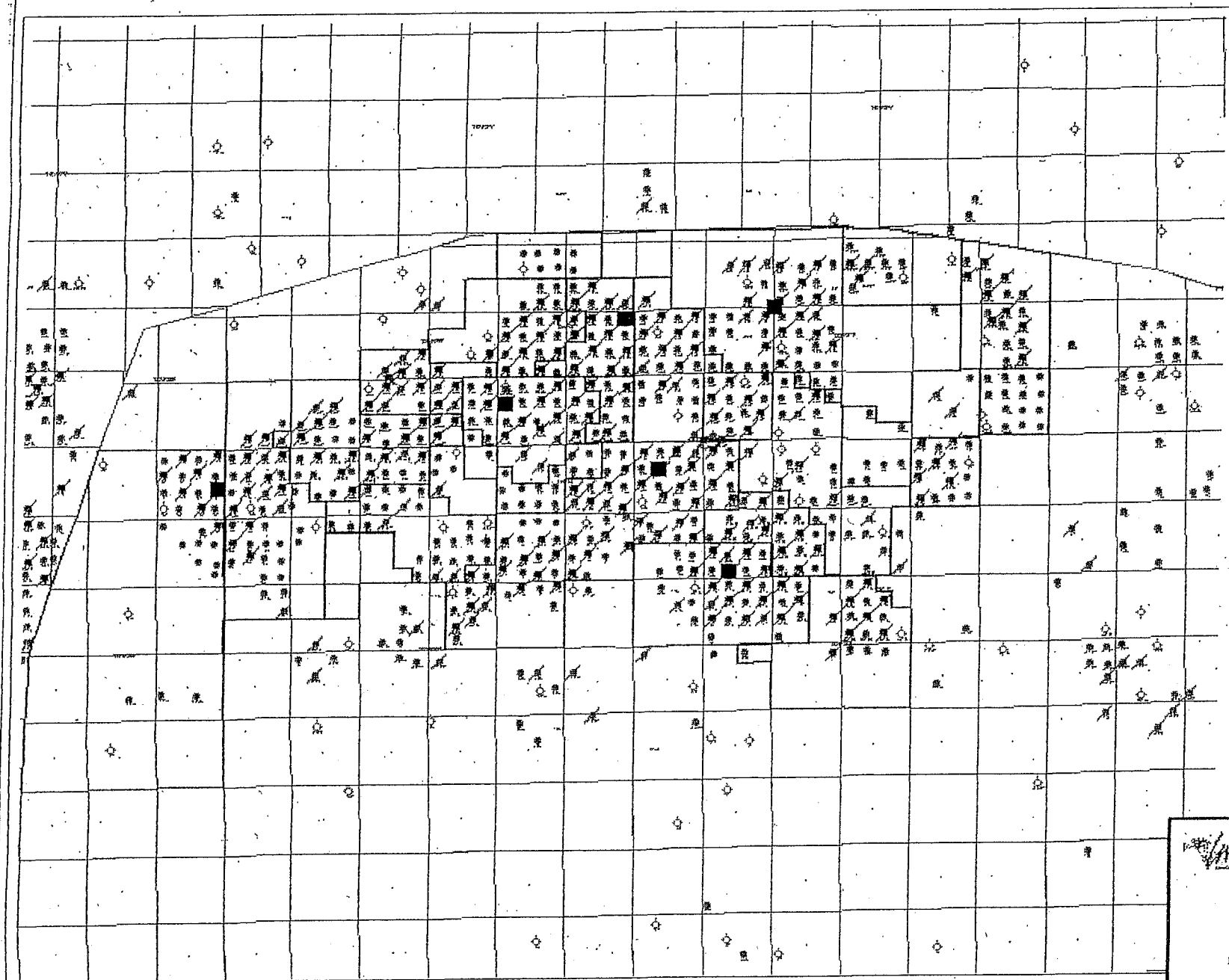
Duchesne & Uintah Counties, Utah

Page 1 of 1

January 24, 2002



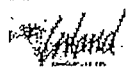




- Heckin Shale  
 Wet Gas/Gas  
 \* OIL  
 ◇ DRY  
 ↘ SHUTIN  
 □ Urte



Exhibit "A"

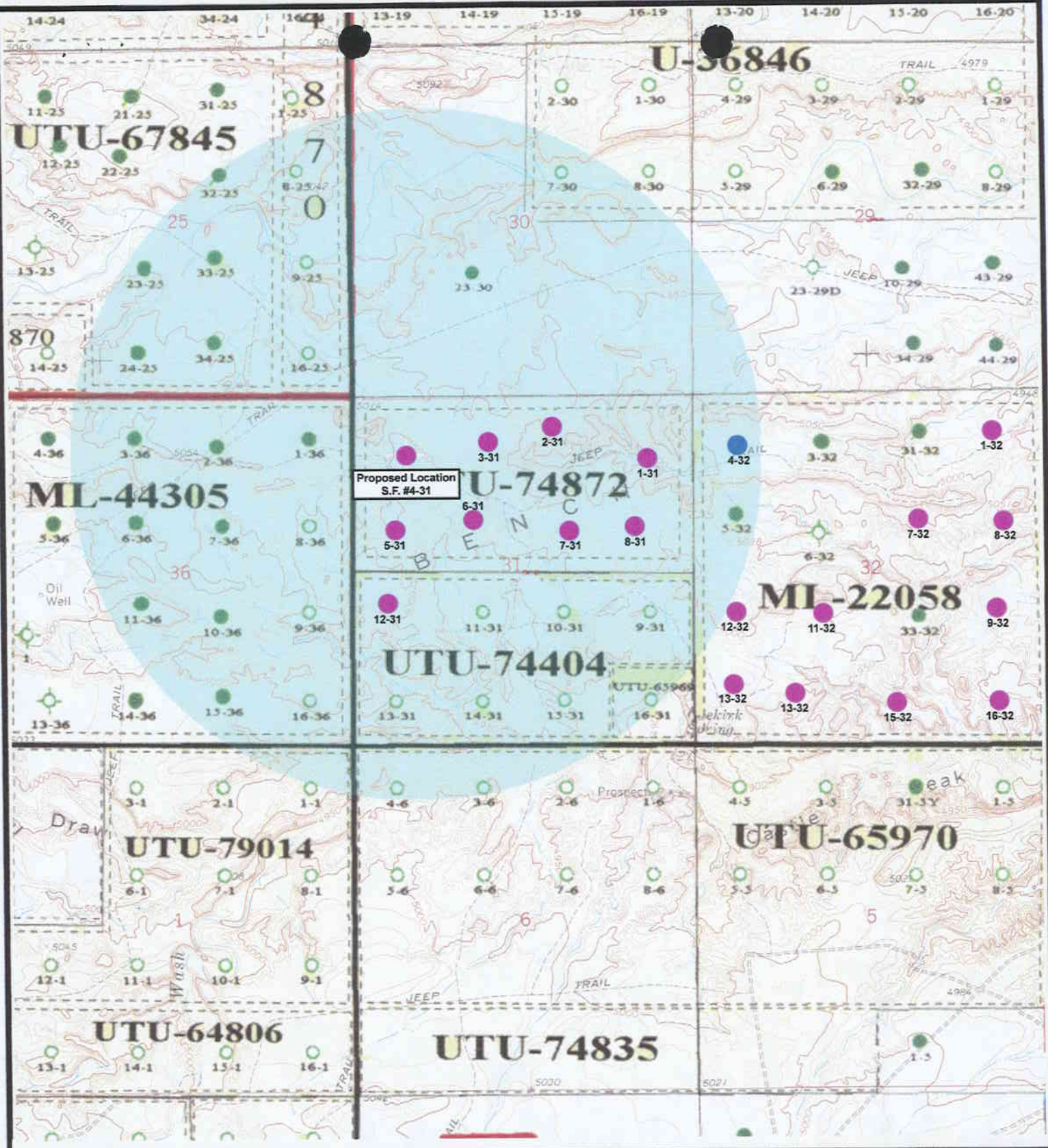
  
 410 W. 3rd St. Room 700  
 Denver, Colorado 80202  
 Phone: (303) 833-1122

**Uinta Basin**  
 UTAH  
 Bureau of Land Management, US

Not to Scale  
 L. J. Olson

1 0 1 Miles





**Sundance Federal #4-31  
SEC. 31, T8S. R18E, S.L.B.&M.**



**Tri-State  
Land Surveying Inc.**  
(435) 781-2501  
38 West 100 North Vernal, Utah 84078

SCALE: 1" = 2000'

DRAWN BY: D.J.

DATE: 12-26-2001

**Legend**

- Existing Wells
- Proposed Locations
- One Mile Radius

**Exhibit  
"B"**

RAM TYPE B.O.P.

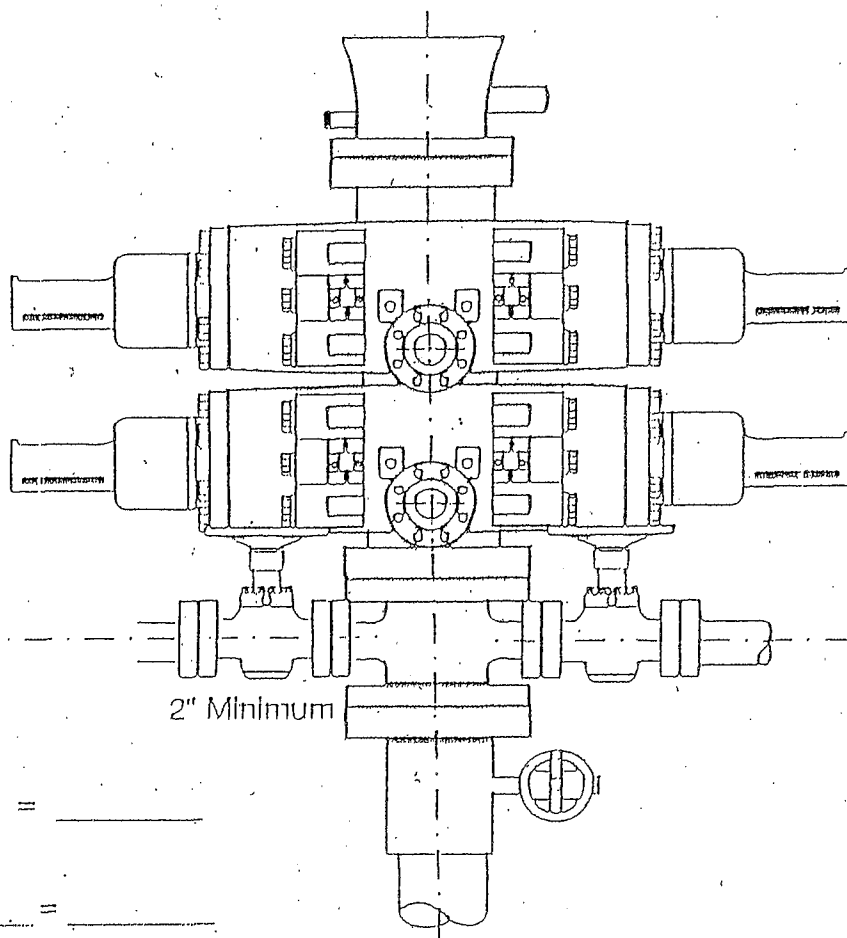
Make:

Size:

Model:

## 2-M SYSTEM

EXHIBIT "C"



2" Minimum

2" Minimum

2" Minimum

2" Minimum

GAL TO CLOSE

Annular BOP = \_\_\_\_\_

Ramtype BOP

\_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_

= \_\_\_\_\_ Gal.

\_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

Rounding off to the next higher  
increment of 10 gal. would require

\_\_\_\_\_ Gal. (total fluid & nitro volume)

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 02/04/2002

API NO. ASSIGNED: 43-047-34497

WELL NAME: SUNDANCE FED 4-31-8-18

OPERATOR: INLAND PRODUCTION ( N5160 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWNW 31 080S 180E

SURFACE: 0875 FNL 0868 FWL

BOTTOM: 0875 FNL 0868 FWL

UINTAH

8 MILE FLAT NORTH ( 590 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74872

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL )

☒ RDCC Review (Y/N)

(Date: )

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit

R649-3-2. General

☒ Siting: 460 From Qtr/Qtr & 920' Between Wells

☒ R649-3-3. Exception

Drilling Unit

Board Cause No:

Eff Date:

Siting:

R649-3-11. Directional Drill

COMMENTS:

Mon. Bu Hk Field Sop, separate file.

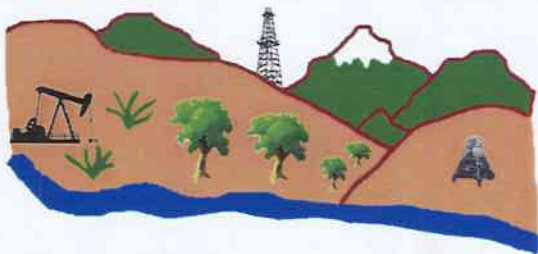
Need "Ex Loc" info. (Rec'd 2-21-02)

STIPULATIONS:

1-Fed. Approval

2-Spacing Stip.





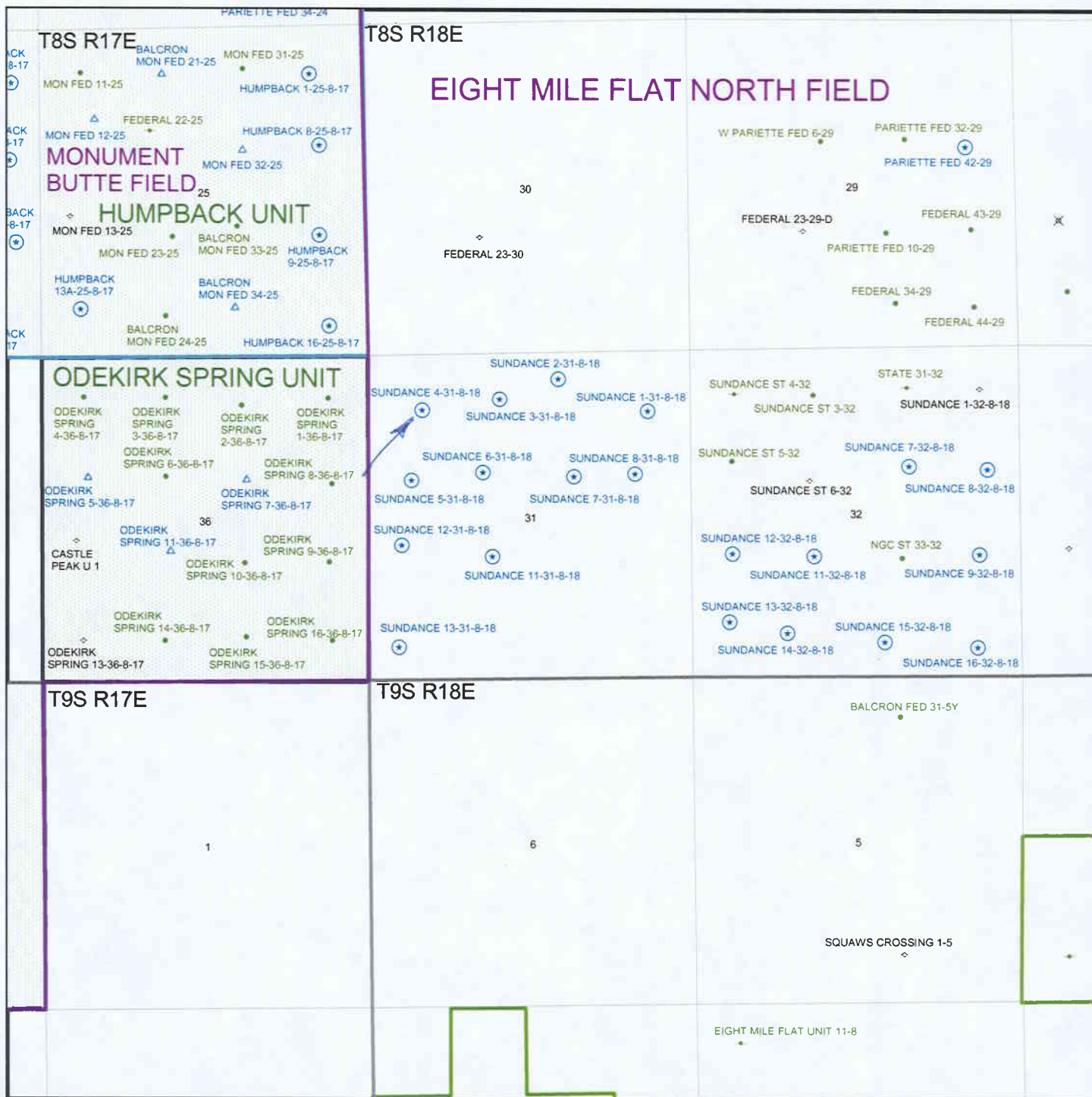
Utah Oil Gas and Mining

OPERATOR: INLAND PROD CO (N5160)

SEC. 31, T8S, R18E

FIELD: EIGHT MILE FLAT NORTH (590)

COUNTY: UINTAH





February 18, 2002

Ms. Lisha Cordova  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

RE: Exceptional Spacing for the Proposed 4-31-8-18 Well

Dear Lisha:

Please find attached a copy of the well location survey plats for the above-referenced well. Inland Production Company (Inland) requests administrative approval for a location exception to Rule R649-3-2, which governs the location of wells in the State of Utah.

Due to topographic constraints on access and siting of the proposed well, it is necessary to move the location of the well in a southerly direction. This moves the well further into the interior of the UTU-74872 lease. There are no lease interest owners within a 460-foot radius of the new proposed location.

Please contact me if you need additional information regarding this well.

Respectfully,

  
Mandie Crozier  
Permit Clerk

Enclosures

**RECEIVED**

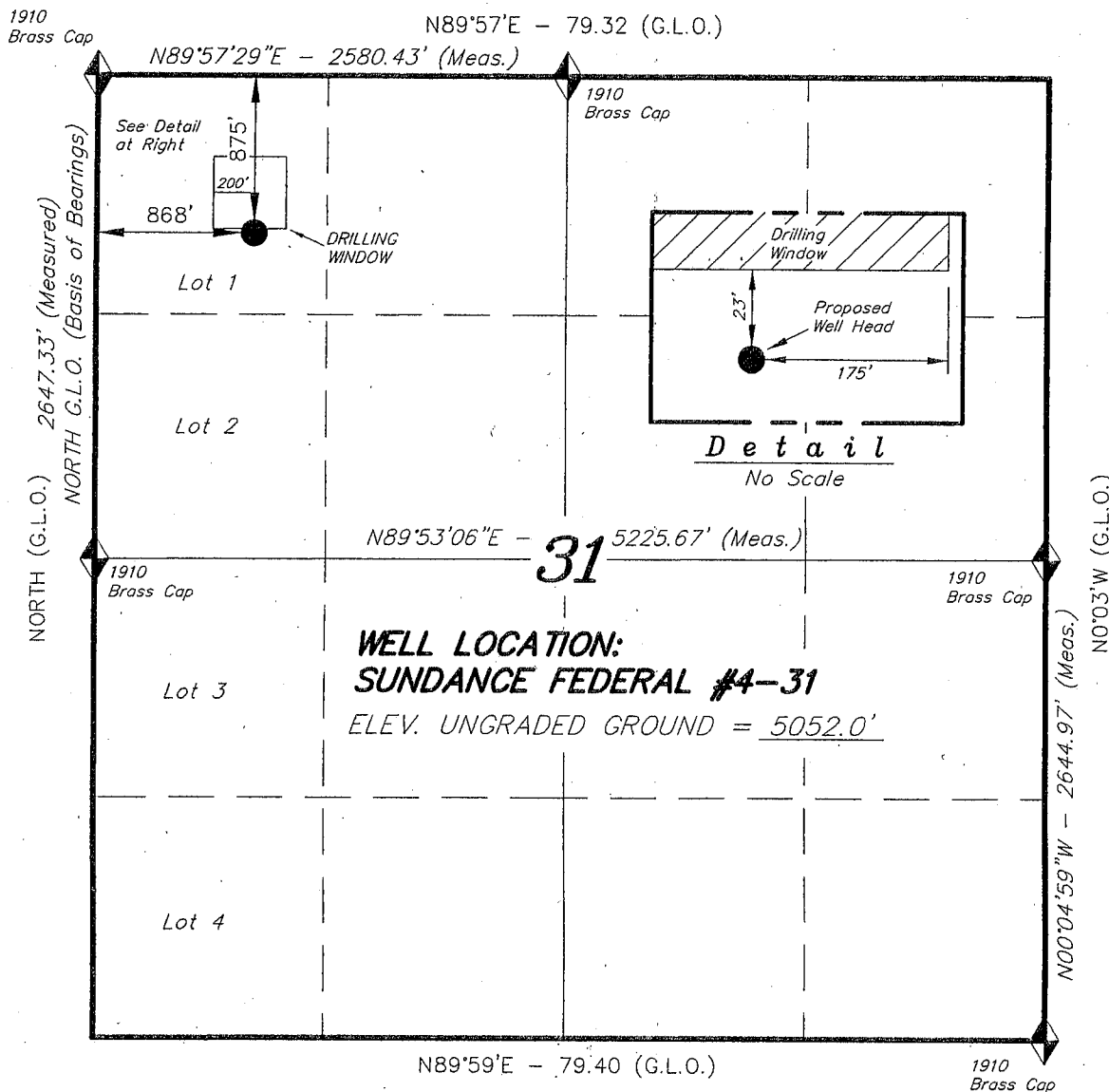
FEB 21 2002

**DIVISION OF  
OIL, GAS AND MINING**

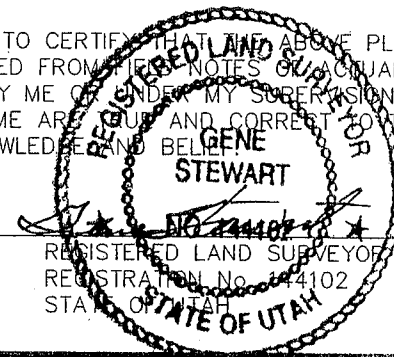
**T8S, R18E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**

WELL LOCATION, SUNDANCE FEDERAL  
#4-31, LOCATED AS SHOWN IN LOT 1  
OF SECTION 31, T8S, R18E, S.L.B.&M.  
UINTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM THE NOTES OF SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF.



**TRI STATE LAND SURVEYING & CONSULTING**

38 WEST 100 NORTH - VERNAL, UTAH 84078  
(435) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: D.J.S.
DATE: 12-26-01	DRAWN BY: J.R.S.
NOTES:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min. QUAD (PARIETTE DRAW SW)

003



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

February 21, 2002

Inland Production Company  
Route 3 Box 3630  
Myton UT 84052

Re: Sundance Federal 4-31-8-18 Well, 875' FNL, 868' FWL, NW NW, Sec. 31, T. 8 South,  
R. 18 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34497.

Sincerely,

A handwritten signature in black ink, appearing to read 'John R. Baza', written over a horizontal line.

John R. Baza  
Associate Director

er

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company  
Well Name & Number Sundance Federal 4-31-8-18  
API Number: 43-047-34497  
Lease: UTU-74872  
Location: NW NW Sec. 31 T. 8 South R. 18 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

004

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

875 FNL 868 FWL NW/NW Section 31, T8S R18E

5. Lease Designation and Serial No.

UTU-74872

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

SUNDANCE FEDERAL 4-31-8-18

9. API Well No.

43-047-34497

10. Field and Pool, or Exploratory Area

EIGHT MILE FLAT NORTH

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Permit Extension

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Inland Production Company requests to extend the permit to drill this well for one year.

RECEIVED

FEB 04 2003

DIV. OF OIL, GAS & MINING

COPY SENT TO OPERATOR

Date: 02-14-03  
Initials: CHD

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 02-13-03  
By: [Signature]

14. I hereby certify that the foregoing is true and correct

Signed

Mandie Crozier

Title

Permit Clerk

Date

2/3/03

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

005

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-74872</b>	
1b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>	
2. NAME OF OPERATOR <b>Inland Production Company</b>		7. UNIT AGREEMENT NAME <b>N/A</b>	
3. ADDRESS OF OPERATOR <b>Route #3 Box 3630, Myton, UT 84052</b> Phone: <b>(435) 646-3721</b>		8. FARM OR LEASE NAME WELL NO <b>4-31-8-18</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At Surface <b>Lot #1</b> <b>875' FNL 868' FWL</b> At proposed Prod. Zone		9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>Approximately 20.4 miles southeast of Myton, Utah</b>		10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to <b>Approx. 868' f/lse line</b>	16. NO. OF ACRES IN LEASE <b>677.36</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Lot #1</b> <b>Sec. 31, T8S, R18E</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>Approx. 1305'</b>	19. PROPOSED DEPTH <b>6500'</b>	12. County <b>Uintah</b>	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5052.0' GR</b>		13. STATE <b>UT</b>	
22. APPROX. DATE WORK WILL START* <b>1st Quarter 2002</b>			
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH
Refer to Monument Butte Field SOP's Drilling Program/Casing Design			

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

RECEIVED

SEP 08 2003

DIV. OF OIL, GAS &amp; MINING

RECEIVED

FEB 04 2002

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone.  
If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.24. SIGNED Mandie Crozier TITLE Permit Clerk DATE 2/1/02

(This space for Federal or State office use)

NOTICE OF APPROVAL

APPROVAL DATE

CONDITIONS OF APPROVAL ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

Bryan K. Lehn

TITLE

Assistant Field Manager  
Mineral Resources

DATE

8/29/03

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

02LW0480A

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Monument Butte 4-31-8-18

API Number: 43-047-34497

Lease Number: U -74872

Location: LOT 1 (NWNW) Sec. 31 T. 8S R. 18E

Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

**CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water resources and other resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at  $\pm 1,867$  ft.

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

In order to mitigate long-term impacts to nesting Golden Eagles a field survey will be conducted prior to any surface disturbance activities to verify the nests' activity status. The survey to determine the nests' current activity status will be conducted prior to construction or surface disturbing activities by a qualified wildlife biologist acceptable to the BLM. If the nests are determined to be inactive then a 0.5 mile protective buffer zone will not be required.

If the nests are determined to be active, no construction or drilling will be allowed during the nesting season of February 1 to July 15.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

006

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**UTU-74872**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**N/A**

8. Well Name and No.

**4-31-8-18**

9. API Well No.

**43-047-34497**

10. Field and Pool, or Exploratory Area

**8 MILE FLAT NORTH**

11. County or Parish, State

**UINTAH COUNTY, UT**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒

Oil  
Well

☐

Gas  
Well

☐

Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**875 FNL 868 FWL**

**NW/NW Section 31, T8S R18E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

**TYPE OF ACTION**

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other

Change of Name

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective September 25, 2003 Inland Production Company is changing the name of the 4-31-8-18 to the **Federal 4-31-8-18**.

14. I hereby certify that the foregoing is true and correct

Signed

*Mandie Crozier*  
Mandie Crozier

Title

Regulatory Specialist

Date

9/25/2003

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

RECEIVED

SEP 26 2003

007

## DIVISION OF OIL, GAS AND MINING

### SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: FEDERAL 4-31-8-18

Api No: 43-047-34497 Lease Type: FEDERAL

Section 31 Township 08S Range 18E County UINTAH

Drilling Contractor LEON ROSS RATHOLE RIG # 15

### SPUDDED:

Date 10/25/03

Time 1:30 PM

How DRY

**Drilling will commence:** \_\_\_\_\_

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 10/27/2003 Signed CHD

008

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: **INLAND PRODUCTION COMPANY**  
ADDRESS: **RT. 3 BOX 3630**  
**MYTON, UT 84052**

OPERATOR ACCT. NO. **N5160**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	13940	43-013-32405	Ashley Federal #7-15-9-15	SW/NE	15	9S	15E	Duchense	October 20, 2003	10/30/03
WELL 1 COMMENTS: <i>GRPV</i>											
A	99999	13941	43-013-32397	Ashley Federal #3-14-9-15	NE/NW	14	9S	15E	Duchense	October 24, 2003	10/30/03
WELL 2 COMMENTS: <i>GRPV</i>											
A	99999	13942	43-047-34497	Federal #4-31-8-18	NW/NW	31	8S	18E	Uintah	October 25, 2003	10/30/03
WELL 3 COMMENTS: <i>GRPV</i>											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

OCT 27 2003

Production Clerk  
Title

October 27, 2003  
Date

Kebbie S. Jones

Signature

*Kebbie S. Jones*

DIV. OF OIL, GAS & MINING

PAGE 02

INLAND

150236955

10/27/2003

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

009

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**875 FNL 868 FWL NW/NW Section 31, T8S R18E**

5. Lease Designation and Serial No.

**UTU-74872**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**N/A**

8. Well Name and No.

**FEDERAL 4-31-8-18**

9. API Well No.

**43-047-34497**

10. Field and Pool, or Exploratory Area

**8 MILE FLAT NORTH**

11. County or Parish, State

**UINTAH COUNTY, UT**

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **Spud Notice**

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

On 10-25-03 MIRU Ross # 21. Spud well @ 1:30 PM Drill 307' of 12 1/4" hole with air mist. TIH w/ 7 Jt's 85/8" J-55 24# csgn. Set @ 305.78'/KB. On 10-27-03. Cement with 150 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.17 cf/sk yeild. 4 bbls cement returned to surface. WOC.

**RECEIVED**

**OCT 31 2003**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct

Signed

*Floyd Mitchell*  
Floyd Mitchell

Title

**Drilling Foreman**

Date

**10-29-2003**

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other Instructions on reverse side**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone No. (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

875 FNL 868 FWL

NW/NW Section 31 T8S R18E

5. Lease Serial No.

UTU 74872

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.

EIGHT MILE FLAT AREA

8. Well Name and No.

FEDERAL 4-31-8-18

9. API Well No.

4304734497

10. Field and Pool, or Exploratory Area  
Monument Butte

11. County or Parish, State

Uintah, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injector

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug & Abandon

☐ Plug Back

☒ Production(Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

Weekly Status Report

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleting horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work is performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation requires a multiple completion or recompleting in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 11/24/03 - 12/5/03

Subject well had completion procedures initiated in the Green River formation on 11/24/03 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals were as follows: Stage #1: (6170'-6178'), (6082'-6088'), (6041'-6045') all 4 JSPF. Stage #2: (5983'-5988'), (5938'-5942'), (5928'-5932'), (5831'-5834') all 4 JSPF. Stage #3: (5318'-5324'), (5309'-5315'), (5291'-5304'), (5268'-5282') all 2 JSPF. Stage #4: (5168'-5175') 4 JSPF with only 25,279# out of 33,677# sand in formation due to problems. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well 12/2/03. Bridge plugs were drilled out and well was cleaned to PBTD @ 6289'. Zones were swab tested for sand cleanup. A BHA and production tubing string were run and anchored in well. End of tubing string @ 6190'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 12/5/03.

RECEIVED  
DEC 16 2003

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Matthew Richmond

Signature

Title

Production Clerk

Date

12/15/2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or which would entitle the applicant to conduct operations thereon.

certify that the applicant holds legal or equitable title to those rights in the subject lease

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

## OPERATOR CHANGE WORKSHEET

011

Change of Operator (Well Sold)

Designation of Agent/Operator

## ROUTING

1. GLH

2. CDW

3. FILE

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:

9/1/2004

**FROM:** (Old Operator):

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO:** ( New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.

Unit:

**WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
FEDERAL 3-31-8-18	31	080S	180E	4304734496	13915	Federal	OW	P	K
FEDERAL 4-31-8-18	31	080S	180E	4304734497	13942	Federal	OW	DRL	K
FEDERAL 5-31-8-18	31	080S	180E	4304734498	13898	Federal	OW	P	K
FEDERAL 6-31-8-18	31	080S	180E	4304734499	13960	Federal	OW	P	K
FEDERAL 7-31-8-18	31	080S	180E	4304734500	13925	Federal	OW	P	K
FEDERAL 11-31-8-18	31	080S	180E	4304734501	13924	Federal	OW	P	K
FEDERAL 12-31-8-18	31	080S	180E	4304734502	13958	Federal	OW	P	K
FEDERAL 13-31-8-18	31	080S	180E	4304734503	14324	Federal	OW	P	K
FEDERAL 8-31-8-18	31	080S	180E	4304734504	13961	Federal	OW	P	K
FEDERAL 10-31-8-18	31	080S	180E	4304734930	13986	Federal	OW	P	K
FEDERAL 9-31-8-18	31	080S	180E	4304734931	13963	Federal	OW	P	K
FEDERAL 2-1-9-17	01	090S	170E	4304734938		Federal	OW	APD	K
FEDERAL 3-1-9-17	01	090S	170E	4304734939		Federal	OW	APD	K
FEDERAL 8-1-9-17	01	090S	170E	4304734940		Federal	OW	APD	K
FEDERAL 5-6-9-18	06	090S	180E	4304734932		Federal	OW	APD	K
FEDERAL 6-6-9-18	06	090S	180E	4304734933	14152	Federal	OW	P	K
FEDERAL 7-6-9-18	06	090S	180E	4304734934	14126	Federal	OW	P	K
FEDERAL 8-6-9-18	06	090S	180E	4304734935		Federal	OW	APD	K
FEDERAL 13-6-9-18	06	090S	180E	4304734936	14049	Federal	OW	P	K
FEDERAL 14-6-9-18	06	090S	180E	4304734937	14064	Federal	OW	P	K

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005

4. Is the new operator registered in the State of Utah: YES Business Number: 755627-0143

5. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
3180  
UT-922

June 30, 2005

Newfield Production Company  
Attn: Kelly L. Donohoue  
1401 Seventeenth Street, Suite 1000  
Denver, Colorado 80202

Gentlemen:

The Sundance (Green River) Unit Agreement, Uintah County, Utah, was approved June 30, 2005. This agreement has been designated No. UTU82472X, and is effective July 1, 2005. The unit area embraces 11,143.86 acres, more or less.

Pursuant to regulations issued and effective June 17, 1988, all operations within the Sundance (Green River) Unit will be covered by your nationwide (Utah) oil and gas bond No. 0056.

The following leases embrace lands included within the unit area:

UTU0075174	UTU39713	UTU65970*	UTU79013*
UTU16539*	UTU39714	UTU74404	UTU79014*
UTU16540	UTU44429	UTU74835	UTU80915
UTU17424*	UTU64806*	UTU74872*	UTU82205
UTU18043	UTU65969	UTU75234	

\* Indicates lease to be considered for segregation by the Bureau of Land Management pursuant to Section 18 (g) of the unit agreement and Public Law 86-705.

All lands and interests by State of Utah, Cause No. 228-08 are fully committed.

Approval of this agreement does not warrant or certify that the operator thereof and other holders of operating rights hold legal or equitable title to those rights in the subject leases which are committed hereto.

RECEIVED

JUL 01 2005

DIV. OF OIL, GAS & MINING

*Docket No  
2005-009*



We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources. Certification-Determination, signed by the School and Institutional Trust Land Administration for the State of Utah, is attached to the enclosed agreement. We request that you furnish the State of Utah and all other interested principals with appropriate evidence of this approval.

Sincerely,

/s/ Terry Catlin

Terry Catlin  
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Mary Higgins w/enclosure  
MMS - Data Management Division (Attn: James Sykes)  
Trust Lands Administration  
Division of Oil, Gas and Mining  
Field Manager - Vernal w/enclosure  
File - Sundance (Green River) Unit w/enclosure  
Agr. Sec. Chron  
Fluid Chron  
Central Files

UT922:TAThompson:tt:06/30/2005

## Entity Form 6

"C" Change from one existing entity to another existing entity

API	Well	Sec	Twsp	Rng	Entity	Entity Eff Date
4301316218	CASTLE DRAW 16-10-9-17	10	090S	170E	8120 to 14844	9/20/2005
4301330568	FEDERAL 8-10-9-17	10	090S	170E	8000 to 14844	9/20/2005
4301332502	FEDERAL 9-10-9-17	10	090S	170E	14325 to 14844	9/20/2005
4301331593	MON FED 11-11-9-17Y	11	090S	170E	11904 to 14844	9/20/2005
4301332486	FEDERAL 5-11-9-17	11	090S	170E	14285 to 14844	9/20/2005
4301332510	FEDERAL 13-11-9-17	11	090S	170E	14273 to 14844	9/20/2005
4301332544	FEDERAL 12-11-9-17	11	090S	170E	14613 to 14844	9/20/2005
4301332704	FEDERAL 12-14-9-17	14	090S	170E	14786 to 14844	9/20/2005
4301331023	FEDERAL 15-1-B	15	090S	170E	10201 to 14844	9/20/2005
4304734494	FEDERAL 1-31-8-18	31	080S	180E	13927 to 14844	9/20/2005
4304734495	FEDERAL 2-31-8-18	31	080S	180E	13959 to 14844	9/20/2005
4304734496	FEDERAL 3-31-8-18	31	080S	180E	13915 to 14844	9/20/2005
4304734497	FEDERAL 4-31-8-18	31	080S	180E	13942 to 14844	9/20/2005
4304734498	FEDERAL 5-31-8-18	31	080S	180E	13898 to 14844	9/20/2005
4304734499	FEDERAL 6-31-8-18	31	080S	180E	13960 to 14844	9/20/2005
4304734500	FEDERAL 7-31-8-18	31	080S	180E	13925 to 14844	9/20/2005
4304734501	FEDERAL 11-31-8-18	31	080S	180E	13924 to 14844	9/20/2005
4304734502	FEDERAL 12-31-8-18	31	080S	180E	13958 to 14844	9/20/2005
4304734503	FEDERAL 13-31-8-18	31	080S	180E	14324 to 14844	9/20/2005
4304734504	FEDERAL 8-31-8-18	31	080S	180E	13961 to 14844	9/20/2005
4304734930	FEDERAL 10-31-8-18	31	080S	180E	13986 to 14844	9/20/2005
4304734931	FEDERAL 9-31-8-18	31	080S	180E	13963 to 14844	9/20/2005
4304731116	NGC ST 33-32	32	080S	180E	6210 to 14844	9/20/2005
4304732500	STATE 31-32	32	080S	180E	11645 to 14844	9/20/2005
4304732685	SUNDANCE ST 5-32	32	080S	180E	11781 to 14844	9/20/2005
4304732740	SUNDANCE ST 1-32R-8-18	32	080S	180E	11886 to 14844	9/20/2005
4304732741	SUNDANCE ST 3-32	32	080S	180E	12059 to 14844	9/20/2005
4304732827	SUNDANCE ST 4-32	32	080S	180E	12106 to 14844	9/20/2005
4304734458	SUNDANCE 7-32-8-18	32	080S	180E	13987 to 14844	9/20/2005
4304734459	SUNDANCE 8-32-8-18	32	080S	180E	14047 to 14844	9/20/2005
4304734460	SUNDANCE 9-32-8-18	32	080S	180E	13988 to 14844	9/20/2005
4304734461	SUNDANCE 11-32-8-18	32	080S	180E	13962 to 14844	9/20/2005
4304734462	SUNDANCE 12-32-8-18	32	080S	180E	14031 to 14844	9/20/2005
4304734463	SUNDANCE 13-32-8-18	32	080S	180E	13964 to 14844	9/20/2005
4304734464	SUNDANCE 14-32-8-18	32	080S	180E	14046 to 14844	9/20/2005

(See other instructions on reverse side)

OMB NO. 1004-0137

Expires: February 28, 1995

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-74872**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**NA**

**1a. TYPE OF WORK**

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

**1b. TYPE OF WELL**

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

**Sundance Unit**

8. FARM OR LEASE NAME, WELL NO.

**Federal 4-31-8-18**

2. NAME OF OPERATOR

**Newfield Exploration Company**

9. WELL NO.

**43-047-34497**

3. ADDRESS AND TELEPHONE NO.

**1401 17th St. Suite 1000 Denver, CO 80202**

10. FIELD AND POOL OR WILDCAT

**Eight Mile Flat**

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface **875' FNL & 868' FWL (NW/NW) Sec. 31, T8S, R18E**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**Sec. 31, T8S, R18E**

At top prod. Interval reported below

At total depth

14. API NO.

**43-047-34497**

DATE ISSUED

**2/21/02**

12. COUNTY OR PARISH

**Uintah**

13. STATE

**UT**

15. DATE SPUDDED

**10/25/03**

16. DATE T.D. REACHED

**11/14/03**

17. DATE COMPL. (Ready to prod.)

**12/5/03**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

**5052' GL**

19. ELEV. CASINGHEAD

**5064' KB**

20. TOTAL DEPTH, MD & TVD

**6328'**

21. PLUG BACK T.D., MD & TVD

**6289'**

22. IF MULTIPLE COMPL... HOW MANY\*

23. INTERVALS DRILLED BY

**----->**

ROTARY TOOLS

**X**

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

**Green River 5168'-6178'**

25. WAS DIRECTIONAL SURVEY MADE

**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log**

27. WAS WELL CORED

**No**

**28. CASING RECORD (Report all strings set in well)**

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
<b>8-5/8" - J-55</b>	<b>24#</b>	<b>306'</b>	<b>12-1/4"</b>	To surface with 150 sx Class "G" cmt	
<b>5-1/2" - J-55</b>	<b>15.5#</b>	<b>6311'</b>	<b>7-7/8"</b>	300 sx Premlite II and 400 sx 50/50 Poz	

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<b>2-7/8"</b>	<b>EOT @</b>	<b>TA @</b>
						<b>6190'</b>	<b>6062'</b>

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	SPF/NUMBER
(CP4&BS) 6041'-45', 6082'-88', 6170'-78'	<b>.46"</b>	<b>4/72</b>
&3) 5831'-34', 5928'-32', 5938'-42', 5983'-88'	<b>.43"</b>	<b>4/64</b>
) 5268'-82', 5291'-5304', 5309'-15', 5318'-24'	<b>.43"</b>	<b>4/78</b>
(C) 5168'-5175'	<b>.43"</b>	<b>4/28</b>

**32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.**

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<b>6041'-6178'</b>	Frac w/ 49,413# 20/40 sand in 448 bbls fluid
<b>5831'-5988'</b>	Frac w/ 44,350# 20/40 sand in 429 bbls fluid
<b>5268'-5324'</b>	Frac w/ 149,389# 20/40 sand in 1028 bbls fluid
<b>5168'-5175'</b>	Frac w/ 33,677# 20/40 sand in 298 bbls fluid

**33.\* PRODUCTION**

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
<b>12/5/03</b>		<b>2-1/2" x 1-1/2" x 16' RHAC SM Plunger Pump</b>				<b>PRODUCING</b>	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.	GAS-OIL RATIO
<b>30 day ave</b>			<b>-----&gt;</b>	<b>49</b>	<b>76</b>	<b>11</b>	<b>1551</b>
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.	OIL GRAVITY-API (CORR.)	
		<b>-----&gt;</b>					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**Sold & Used for Fuel**

**RECEIVED**

**AUG 14 2006**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*M. C. Cozys*  
M. C. Cozys

TITLE

Regulatory Specialist

**DIV. OF OIL, GAS & MINING**

8/11/2006

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Federal 4-31-8-18	Garden Gulch Mkr	3985'	
				Garden Gulch 1	4046'	
				Garden Gulch 2	4336'	
				Point 3 Mkr	4597'	
				X Mkr	4818'	
				Y-Mkr	4856'	
				Douglas Creek Mkr	4986'	
				BiCarbonate Mkr	5216'	
				B Limestone Mkr		
				Castle Peak	5814'	
				Basal Carbonate	6222'	
				Total Depth (LOGGERS)	6328'	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74872
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 4-31-8-18
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0875 FNL 0868 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 31 Township: 08.0S Range: 18.0E Meridian: S		<b>9. API NUMBER:</b> 43047344970000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
<b>COUNTY:</b> Uintah		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/12/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 8:50 AM on 04/12/2013. EPA # UT22197-09944</p> </div> <div style="width: 35%; text-align: center;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>FOR RECORD ONLY</b></p> <p>April 19, 2013</p> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/19/2013	

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74872
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 4-31-8-18
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. API NUMBER:</b> 43047344970000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0875 FNL 0868 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 31 Township: 08.0S Range: 18.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
		<b>COUNTY:</b> UINTAH
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>4/2/2013</b>	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
<input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input checked="" type="checkbox"/> CONVERT WELL TYPE
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME
	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 04/02/2013. Initial MIT on the above listed well. On 04/02/2013 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09944

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** April 22, 2013

**By:** 

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/8/2013	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 4/2/13  
Test conducted by: Chris Walters  
Others present: \_\_\_\_\_

Well Name: <u>Fed. 4-31-8-18</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Mon. Butte</u>		
Location: <u>NW/NE</u> Sec: <u>31</u> T <u>8</u> N <u>10</u> R <u>18E</u> W County: <u>Uintah</u> State: <u>UT</u>		
Operator: <u>Newfield</u>		
Last MIT: <u>/ /</u> Maximum Allowable Pressure: _____ PSIG		-09944

Is this a regularly scheduled test? ☐ Yes ☒ No  
Initial test for permit? ☒ Yes ☐ No  
Test after well rework? ☐ Yes ☒ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1660 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>100</u> psig	psig	psig
End of test pressure	<u>100</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1660</u> psig	psig	psig
5 minutes	<u>1660</u> psig	psig	psig
10 minutes	<u>1660</u> psig	psig	psig
15 minutes	<u>1660</u> psig	psig	psig
20 minutes	<u>1660</u> psig	psig	psig
25 minutes	<u>1660</u> psig	psig	psig
30 minutes	<u>1660</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

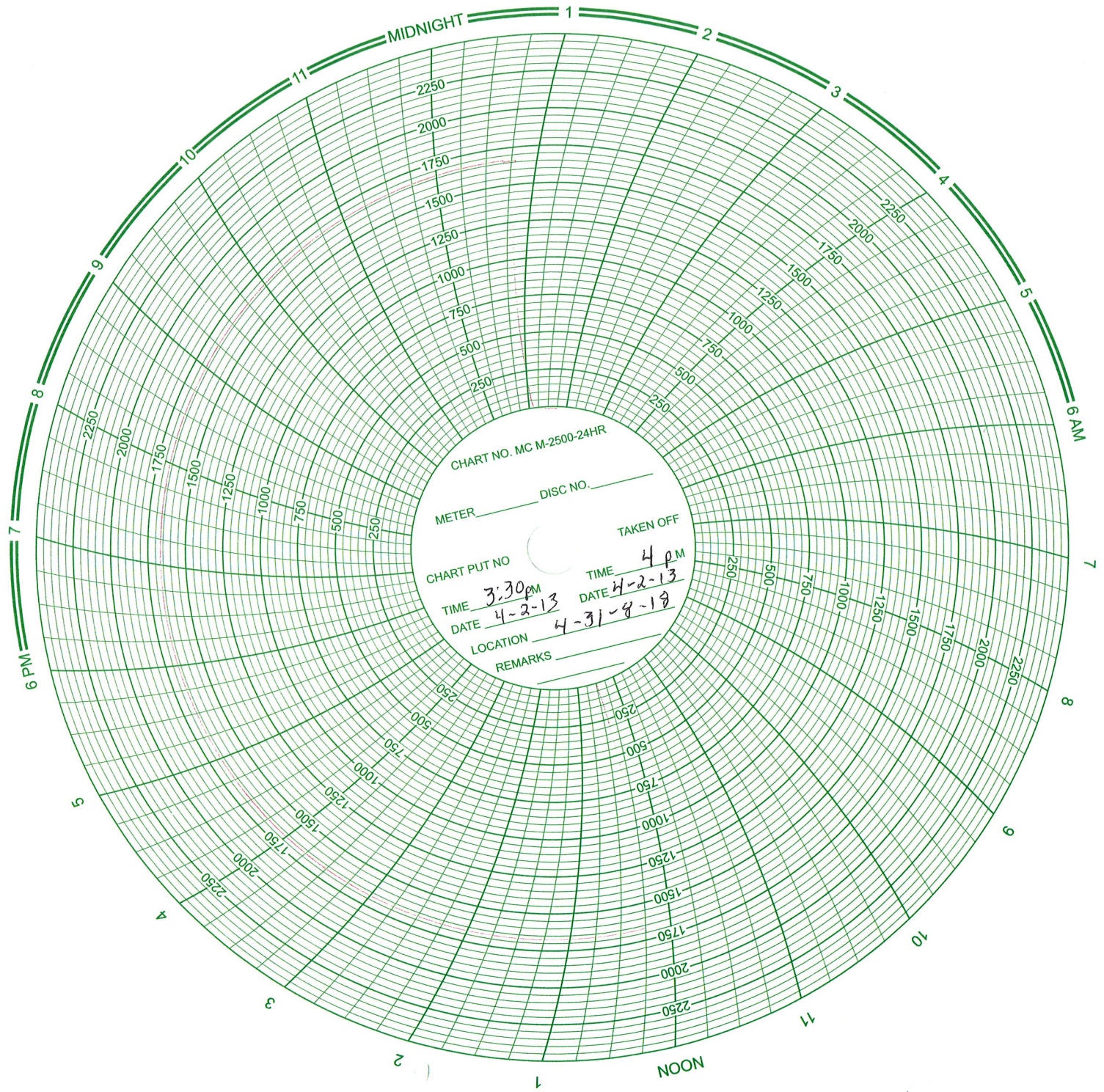
Does the annulus pressure build back up after the test? ☐ Yes ☐ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_







**Daily Activity Report****Format For Sundry****FEDERAL 4-31-8-18****2/1/2013 To 6/30/2013****4/1/2013 Day: 1****Conversion**

WWS #3 on 4/1/2013 - Ru, pull rods and tubing - continue conversionCrew travel + saftey mtg. RDMO from 43-7-9-17 to 4-31-8-18 miru rd pumping unit, wait on z-tank. Prod tanks full, pump 40 bbls down csg, did not see pump unseat, unable to flush rods, (parted rods) soft seat + test blew hole @ 4000 psi. Flush rods w 30 bbls tooh ld rods ld 99-3/4 guide + 75 slick rods. Parted at box nd well head release tac nu bops ru floor + tbg work flush w 40 bbls tooh breaking redoping 72 jts flush tbg every 700 cwi @ 6

**Daily Cost:** \$0**Cumulative Cost:** \$17,942

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**4/2/2013 Day: 2****Conversion**

WWS #3 on 4/2/2013 - tih w pkr and tbg psi test - Crew travel + saftey mtg. Cont tooh, breaking redoping, total ot 142 jts, fin rodsx-over to rod equip unseat pump w 3000 over string wt flush rods w 15 bbls, ld rods, 16-3/4 slick rods, 47 3/4 guided, 5-1/2 wt bars, pump flush tbg w/20 bbls x-over to tbg. Equip cont tooh breaking redoping, total 165 jts. Ld 34 jts + bha pu + tih w pkr + tbg as follows. Wireline reentry tool. X-n nipple 4x2-3/8 pup jt. As-1 pkr on-off tool. Psn + 165 jts ru hot oiler pump 15 bbls pad drop svpress tbg, to 3000 psi w 28 bbls chk in the AM. Cwi @ 5. Crew travel.

**Daily Cost:** \$0**Cumulative Cost:** \$24,947

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**4/3/2013 Day: 3****Conversion**

WWS #3 on 4/3/2013 - psi test, land tubing, nu inj tree - crew travel + safety mtg. Chk press on tbg 2275 psi press up to 3000 psi, get good test @ 9:00, ru sl fish sv nd bops, land tbg, wi B-1 adapter flange, wait on fresh water pump 60 bbls fresh water + pkr fluid, set as1 pkr w 15000 tension nu inj tree w psn @ 5101.22 as-1 ce @ 5108.44 eot @ 5117.51 press csg to 1500 psi, get good test, @ 1:30 rdmo. Rdmo. - Initial MIT on the above listed well. On 04/02/2013 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09944 - Initial MIT on the above listed well. On 04/02/2013 the casing was pressured up to 1660 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09944 - crew travel + safety mtg. Chk press on tbg 2275 psi press up to 3000 psi, get good test @ 9:00, ru sl fish sv nd bops, land tbg, wi B-1 adapter flange, wait on fresh water pump 60 bbls fresh water + pkr fluid, set as1 pkr w 15000 tension nu inj tree w psn @ 5101.22 as-1 ce @ 5108.44 eot @ 5117.51 press csg to 1500 psi, get good test, @ 1:30 rdmo. Rdmo. **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$29,403

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**Pertinent Files: [Go to File List](#)**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-74872
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 4-31-8-18
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0875 FNL 0868 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NWNW Section: 31 Township: 08.0S Range: 18.0E Meridian: S		<b>9. API NUMBER:</b> 43047344970000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> 8 MILE FLAT NORTH
<b>COUNTY:</b> UINTAH		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/24/2014	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input checked="" type="checkbox"/> OTHER	
	OTHER: MIT- Polymer Treatment	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above subject well had workover procedures performed (polymer treatment), attached is a daily status report. Workover MIT performed on the above listed well. On 06/24/2014 the csg was pressured up to 1398 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 400 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-09944		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> July 02, 2014		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/30/2014	

## Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: \_\_\_\_\_ Date: 6 12 4 1 14  
Test conducted by: Chris Walters  
Others present: \_\_\_\_\_

Well Name: Federal 4-31-8-18 Type: ER SWD Status: AC TA UC  
Field: Mon. Butte  
Location: NW/NE Sec: 31 T 8 N 18 R 18 E/W County: Uintah State: UT  
Operator: Newfield  
Last MIT: 1 1 Maximum Allowable Pressure: 1335 PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No  
Initial test for permit? ☐ Yes ☒ No  
Test after well rework? ☒ Yes ☐ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate: \_\_\_\_\_ bpd

Pre-test casing/tubing annulus pressure: 1397 psig

MIT DATA TABLE		Test #1	Test #2	Test #3
<b>TUBING</b>		<b>PRESSURE</b>		
Initial Pressure	<u>400</u> psig	psig	psig	psig
End of test pressure	<u>400</u> psig	psig	psig	psig
<b>CASING / TUBING</b>		<b>ANNULUS PRESSURE</b>		
0 minutes	<u>1397</u> psig	psig	psig	psig
5 minutes	<u>1398</u> psig	psig	psig	psig
10 minutes	<u>1398</u> psig	psig	psig	psig
15 minutes	<u>1398</u> psig	psig	psig	psig
20 minutes	<u>1398</u> psig	psig	psig	psig
25 minutes	<u>1398</u> psig	psig	psig	psig
30 minutes	<u>1398</u> psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
_____ minutes	psig	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☒ No

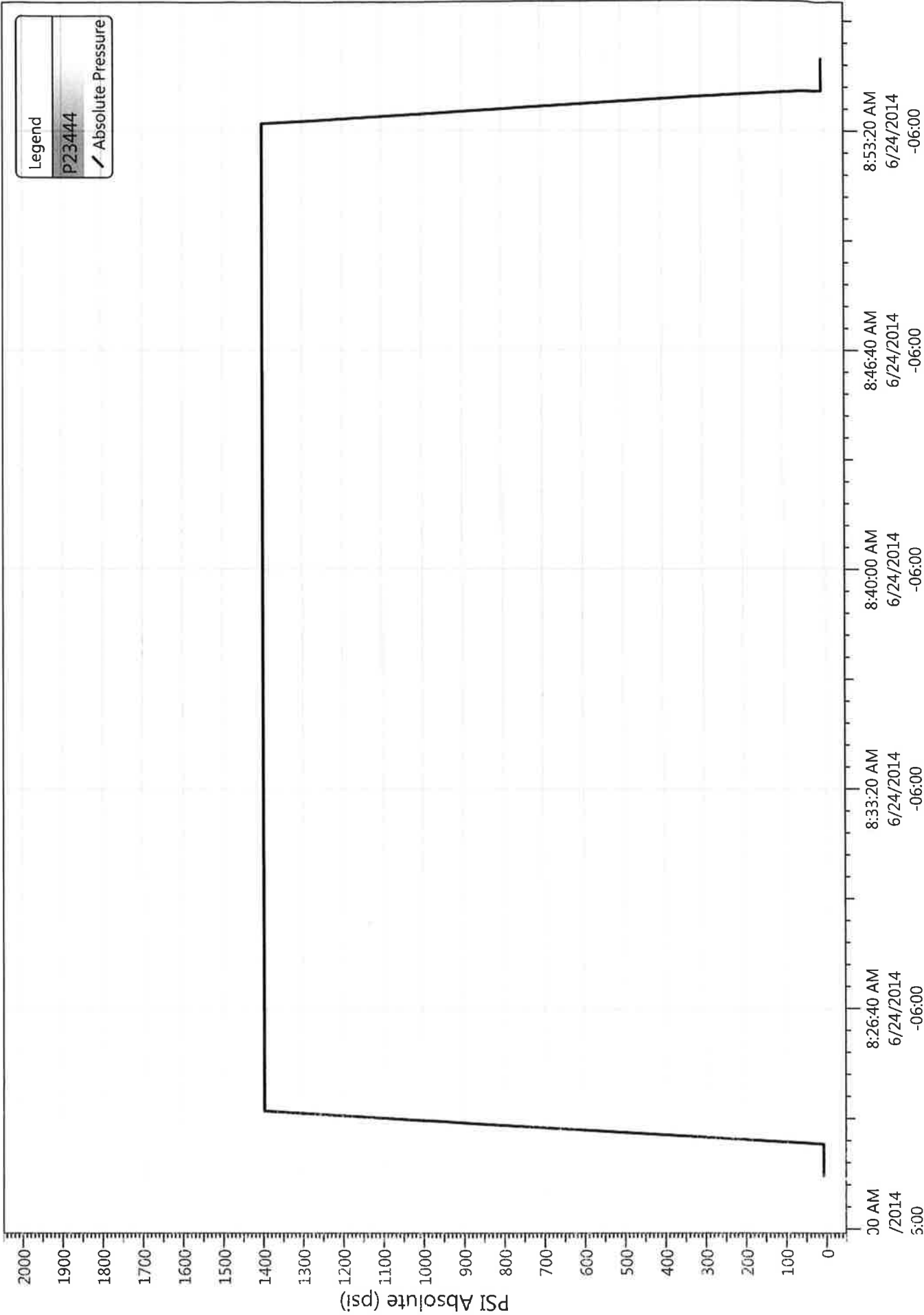
## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_

4-31-8-18 workover MIT (6-24-14)

6/24/2014 8:20:50 AM



NEWFIELD



## Job Detail Summary Report

Well Name: Federal 4-31-8-18

Jobs			
Primary Job Type	Job Start Date	Job End Date	
Other	5/19/2014	6/24/2014	
<b>Daily Operations</b>			
Report Start Date	Report End Date	24hr Activity Summary	
5/19/2014	5/19/2014	MIRUSU, ND WH, NU WORKFLOOR, REALEASE PKR	
Start Time	End Time	End Time	Comment
09:00	17:30		Moved From 1-23-8-16: MIRUSU, No Pressure on Csg or Tbg, OWU, XO for Tbg, ND WH, NU Weatherford BOP, RU Workfloor, Release Arrow Set PKR, Drop Snd Valv, RU & RIH w/ SL to Seat SV, Flaming H/O Filled Tbg w/ 3BW, PT Tbg to 3200psi, GOOD TESTI, Retrieved Snd Valv, POOH & LD PKR, TIH w/ 30-Jts For Kill String...SWIFN
Start Time	End Time	End Time	Comment
17:30	18:00		CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	
5/20/2014	5/20/2014	P/U RBP & PKR RIH TBG, SET RBP	
Start Time	End Time	End Time	Comment
05:30	06:00		CREW TRAVEL
Start Time	End Time	End Time	Comment
06:00	11:30		OUW, POOH W/ 30 Jts, P/U Weatherford RBP & Pkr, RIH W/ 165 Jts, P/U 9 Jt Tbg To Set RBP @5384 L/D W/ 1 Jt Set Pkr @5355 BMW H/O Fill Tbgb W/12 BW PT To 3000 Psi For 15 Min, GOOD Test, Released Pkr, L/D 5 Jts R/D Rig Flr, N/D Bop, Set CE @5214 Pkr, N/U Injection Tree, Hot Oiler 30 BW D/ Annulus upper pefs On Vacuum, SWI Waiting On Palomer Injection, RDMOSU.....FINAL RIG REPORT @ 11:00AM Pkr Ce@ 5214', RBP Set @5384
Report Start Date	Report End Date	24hr Activity Summary	
6/20/2014	6/20/2014	MIRU	
Start Time	End Time	End Time	Comment
11:00	18:00		Moved From 13A-25-8-17: MIRUSU @ 11:00AM, SICIP 0psi SITP 0psi, OWU, Advantage H/O Pmped 25BW d/ Annulus, ND 3K IT, Release PKR, NU Weatherford BOP, RU Workfloor, PU 5- Jts Retrieved RBP @ 5384', H/O Pmped 50BW w/ H2S Scavanger d/ Annulus, LD 9- Jts, POOH w/ 165- Jts, LD WTF RBP & RKR, TIH w/ 40- jts Open Ended.....SWIFWE
Start Time	End Time	End Time	Comment
18:00	18:30		CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	
6/23/2014	6/23/2014	MU PKR ASSY	
Start Time	End Time	End Time	Comment
05:30	06:00		CREW TRAVEL
Start Time	End Time	End Time	Comment
06:00	17:30		SICIP 50psi SITP 50psi, OWU, TOOH w/ 40-Jts, MU WTF AS-1X Injection PKR Assa, TIH w/ 165- jts, BMW H/O Flushed Tbg w/ 30BW, Drop SV, RIH w/ SL to Seat SV, 1BW to Fill, PT Tbg to 3000psi, 400psi Loss in 30Min, Repress to 3000psi, 400psi Loss in 30Min, XO SV's, Repress to 3050psi, 50psi Loss in 15Min, 25psi Loss in 15Min, 10psi Loss in 15Min, Repress to 3050psi, NO PRESSURE LOSS in 30Min, Retrieved SV, RD Workfloor, ND BOP, MU IT, H/O Circ 60BW w/ Multi-Chem PKR Fluids d/Annulus, Set PKR CE @ 5110' w/ 1500# of Tension, Hole Remaining Full, Allowed Gas to Rise, NU 3K IT, PT to 1550psi, 40psi Loss in 30Min, 15psi Loss in 15Min, 5psi Loss in 15Min, Holding @ 1490psi, NO Pressure Loss in 30Min, Waiting on MIT...SWIFN
Start Time	End Time	End Time	Comment
17:30	18:00		CREW TRAVEL
Report Start Date	Report End Date	24hr Activity Summary	
6/24/2014	6/24/2014	SICIP 1400psi SITP 400psi, Newfield Wtr Service Rep Performed MIT	
Start Time	End Time	End Time	Comment
05:30	06:00		CREW TRAVEL





Well Name: Federal 4-31-8-18

## Job Detail Summary Report

Start Time	End Time	Comment
06:00	09:00	SICP 1400psi SITP 400psi. Newfield Wtr Service Rep Preformed MIT, GOOD TEST!, 1397-1398psi in 30Min... Workover MIT performed on the above listed well. On 06/24/2014 the csg was pressured up to 1398 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 400 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-09944 RDMOSU...FINAL RIG REPORT!!



## NEWFIELD

## Schematic



Well Name: Federal 4-31-8-18

Surface Legal Location 31-8S-18E		API/UWI 43047344970000	Well RC 500151262	Lease	State/Province Utah	Field Name GMBU CTB9	County UINTAH
Spud Date	Rig Release Date	On Production Date 12/5/2003	Original KB Elevation (ft) 5,064	Ground Elevation (ft) 5,052	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 6,289.0	

## Most Recent Job

Job Category Production / Workover	Primary Job Type Other	Secondary Job Type N/A	Job Start Date 5/19/2014	Job End Date 6/24/2014
---------------------------------------	---------------------------	---------------------------	-----------------------------	---------------------------

TD: 6,328.0

Vertical - Original Hole, 6/27/2014 8:51:24 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	DLS (°...)	Vertical schematic (actual)
12.1					<p>1; Surface; 8 5/8 in; 8.097 in; 12-305 ftKB; 292.93 ft</p> <p>4-1; Tubing; 2 7/8; 2.441; 12-5,103; 5,091.27</p> <p>4-2; Pump Seating Nipple; 2 7/8; 5,103-5,104; 1.10</p> <p>4-3; On-Off Tool; 2 7/8; 5,104-5,106; 1.45</p> <p>4-4; X Seal Nipple; 2 7/8; 5,106-5,106; 0.33</p> <p>4-5; Packer; 5 1/2; 4.950; 5,106-5,113; 6.95</p> <p>4-6; Cross Over; 2 3/8; 1.991; 5,113-5,114; 0.51</p> <p>4-7; Tubing Pup Joint; 2 3/8; 5,114-5,118; 4.05</p> <p>4-8; XN Nipple; 2 3/8; 5,118-5,119; 1.22</p> <p>4-9; Wireline Guide; 2 3/8; 5,119-5,119; 0.40</p> <p>Perforated; 5,168-5,175; 11/26/2003</p> <p>Perforated; 5,268-5,324; 11/26/2003</p> <p>Perforated; 5,831-5,988; 11/26/2003</p> <p>Perforated; 6,041-6,178; 11/26/2003</p> <p>2; Production; 5 1/2 in; 4.950 in; 12-6,311 ftKB; 6,298.91 ft</p>
129.9					
304.1					
305.1					
5,103.3					
5,104.3					
5,106.0					
5,106.3					
5,113.2					
5,113.5					
5,117.8					
5,118.8					
5,119.4					
5,168.0					
5,174.9					
5,268.0					
5,324.1					
5,831.0					
5,987.9					
6,041.0					
6,178.1					
6,289.0					
6,289.7					
6,310.4					
6,311.0					
6,328.1					

**NEWFIELD****Newfield Wellbore Diagram Data  
Federal 4-31-8-18**

Surface Legal Location 31-8S-18E		API/UWI 43047344970000		Lease	
County UINTAH		State/Province Utah		Field Name GMBU CTB9	
Well Start Date 10/25/2003		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,064		Ground Elevation (ft) 5,052		On Production Date 12/5/2003	
Total Depth (ftKB) 6,328.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 6,289.0	

**Casing Strings**

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	10/25/2003	8 5/8	8.097	24.00	J-55	305
Production	11/5/2003	5 1/2	4.950	15.50	J-55	6,311

**Cement****String: Surface, 305ftKB 10/27/2003**

Cementing Company BJ Services Company		Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 305.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + 1/4#/sk Cello-Flake mixed		Fluid Type Lead	Amount (sacks) 150	Class G	Estimated Top (ftKB) 12.0

**String: Production, 6,311ftKB 11/5/2003**

Cementing Company BJ Services Company		Top Depth (ftKB) 130.0	Bottom Depth (ftKB) 6,328.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3 % KCL, 5#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake		Fluid Type Lead	Amount (sacks) 300	Class Premilite ii	Estimated Top (ftKB) 130.0
Fluid Description 2% Gel + 3% KCL, .5%EC1,1/2# sk C.F. 2% gel. 3% SM mixed		Fluid Type Tail	Amount (sacks) 400	Class 50/50: poz	Estimated Top (ftKB) 2,500.0

**Tubing Strings**

Tubing Description Tubing				Run Date 6/24/2014		Set Depth (ftKB) 5,119.3	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB) Btm (ftKB)
Tubing	165	2 7/8	2.441	6.50	J-55	5,091.27	12.0 5,103.3
Pump Seating Nipple		2 7/8				1.10	5,103.3 5,104.4
On-Off Tool		2 7/8				1.45	5,104.4 5,105.8
X Seal Nipple		2 7/8				0.33	5,105.8 5,106.2
Packer		5 1/2	4.950			6.95	5,106.2 5,113.1
Cross Over		2 3/8	1.991			0.51	5,113.1 5,113.6
Tubing Pup Joint		2 3/8				4.05	5,113.6 5,117.7
XN Nipple		2 3/8				1.22	5,117.7 5,118.9
Wireline Guide		2 3/8				0.40	5,118.9 5,119.3

**Rod Strings**

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

**Perforation Intervals**

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
4	C sds, Original Hole	5,168	5,175	4			11/26/2003
3	B1 & B2, Original Hole	5,268	5,324	2			11/26/2003
2	CP2, CP3 & CP5, Original Hole	5,831	5,988	4			11/26/2003
1	CP4 & BS, Original Hole	6,041	6,178	4			11/26/2003

**Stimulations & Treatments**

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
4	1,387	0.7	24.7	2,212			
4	1,387	0.7	24.7	2,212			
4	1,387	0.7	24.7	2,212			
4	1,387	0.7	24.7	2,212			

**Proppant**

Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
4		Proppant White Sand 276829 lb
4		Proppant White Sand 276829 lb
4		Proppant White Sand 276829 lb
4		Proppant White Sand 276829 lb



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

JUL 29 2014

RECEIVED

AUG 01 2014

Ref: 8ENF-UFO

DIV. OF OIL, GAS & MINING

CERTIFIED MAIL 7008-3230-0003-0727-5669  
RETURN RECEIPT REQUESTED

Mr. J D Horrocks  
Newfield Exploration Company  
Route 3, Box 3630  
Myton, UT 84052

31 85 18E

Re: Underground Injection Control (UIC)  
Permission to Resume Injection  
Federal 4-31-8-18 Well  
EPA ID# UT22197-09944  
API # 43-047-34497  
Uintah County, UT

Accepted by the  
Utah Division of  
Oil, Gas and Mining

FOR RECORD ONLY

Dear Mr. Horrocks:

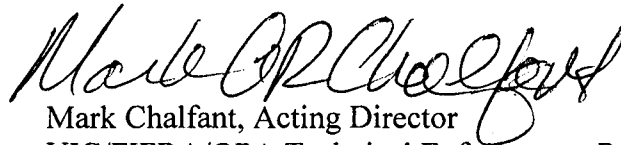
On July 3, 2014, the Environmental Protection Agency (EPA) received information from Newfield Exploration Company on the above referenced well concerning the workover and the followup mechanical integrity test (MIT) conducted on June 24, 2014. The data submitted shows that the well passed the required MIT. Therefore, pursuant to Title 40 of the Code of Federal Regulations Section 144.51(q)(2) (40 C.F.R. § 144.51(q)(2)), permission to resume injection is granted. Under continuous service, the next MIT will be due on or before June 24, 2019.

Pursuant to 40 C.F.R. § 144.52(a)(6), if the well is not used for a period of at least two (2) years (temporary abandonment), it shall be plugged and abandoned unless the EPA is notified and procedures are described to the EPA ensuring the well will not endanger underground sources of drinking water (non-endangerment demonstration) during its continued temporary abandonment. A successful MIT is an acceptable non-endangerment demonstration and would be necessary every two (2) years the well continues in temporary abandonment.

Failure to comply with a UIC Permit, or the UIC regulations found at 40 C.F.R. Parts 144 through 148 constitute one or more violations of the Safe Drinking Water Act, 42 U.S.C. § 300h. Such non-compliance may subject you to formal enforcement by the EPA, as codified at 40 C.F.R. Part 22.

If you have any questions concerning this letter, you may contact Sarah Roberts at (303) 312-7056.  
Please direct all correspondence to the attention of Sarah Roberts at Mail Code 8ENF-UFO.

Sincerely,



Mark Chalfant, Acting Director  
UIC/FIFRA/OPA Technical Enforcement Programs

cc: Gordon Howell, Chairman Uintah & Ouray Business Committee P.O. Box 190 Fort Duchesne, Utah 84026	Ronald Wopsock, Vice-Chairman Uintah & Ouray Business Committee P.O. Box 190 Fort Duchesne, Utah 84026
Reannin Tapoof, Executive Assistant Uintah & Ouray Business Committee P.O. Box 190 Fort Duchesne, Utah 84026	Stewart Pike, Councilman Uintah & Ouray Business Committee P.O. Box 190 Fort Duchesne, Utah 84026
Tony Small, Councilman Uintah & Ouray Business Committee P.O. Box 190 Fort Duchesne, Utah 84026	Bruce Ignacio, Councilman Uintah & Ouray Business Committee P.O. Box 190 Fort Duchesne, Utah 84026
Phillip Chimburas, Councilman Uintah & Ouray Business Committee P.O. Box 190 Fort Duchesne, Utah 84026	Manuel Myore, Director of Energy, Minerals and Air Programs Ute Indian Tribe P.O. Box 190 Fort Duchesne, Utah 84026
	✓ John Rogers Utah Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, Utah 84114

